

CUSTOMER SERVICE

AFTER SALES & MAINTENANCE







GLOBAL SERVICES

Mersen is not only an equipment manufacturer but also sustains local markets from our worldwide industrial base by providing support for our products throughout their life cycle and by offering a broad range of spare parts and services.

Mersen is present alongside our customers during installation, commissioning, preventive maintenance, troubleshooting, corrective maintenance and consulting / diagnostics. Our network of experts is committed to develop unique solutions to your specific requests and problems





WORLDWIDE SERVICE NETWORK





"READY-TO-BE-SHIPPED" SPARE PARTS





TECHNICAL EXPERIENCE

With service centers around the globe, Mersen supports a full range of customer services. Mersen's Quick Service Centers are strategically located to provide local facilities, together with the services required to maximize equipment lifetime and keep your processes in operation.

To ensure a long service lifetime and the maximum availability of our process equipment, graphite and numerous other spare parts are held on stock. They are ready to be delivered anywhere in the world at short notice. Dedicated spare parts for particular customers can also be proposed.

With more than 50-years' experience in the design and manufacture of graphite process equipment and HCL-based systems, Mersen is recognized as a worldwide leading company in these applications and you can benefit from our core technical expertise and highly experienced team of engineers and field technicians. Mersen is committed to provide the service that meets your demands and suitable solutions, within the time-frames required.

THE SERVICE YOU EXPECT:

To maintain your equipment in the best possible operating condition, Mersen offers a comprehensive portfolio of spare parts and services including but not limited to:

		PRODUCTS			
	ACTIVITIES	POLYBLOC	POLYTUBE	SYNTHESIS UNIT	COLUMN
PREVENTIVE MAINTENANCE					
Referencing: Equipment key data in stabilized operation		✓	✓	✓	✓
SERVICE CONTRACT	Inspection program	✓	✓	✓	✓
	On-site periodic inspection	✓	✓	✓	✓
	Programmed refurbishment	✓	✓	✓	
	Spare part package	✓	✓	✓	✓
Supervision of local maintenance team		✓	✓	✓	✓
CODE	ECTIVE MAINTENANCE				
CORRECTIVE MAINTENANCE Complete disassembly and technical diagnostic		/	,		
REPAIR SERVICE		√	√	√	√
	Steel parts	√	√	√	√
	Graphite blocks	√		√	
	Headers	✓	√		√
	Plugging / retubing		√		√
	Repair of cracked tube-sheets	,	√		V
SPARE PARTS	Supervision of local maintenance team	√	√	√	√
	Consignment stock	√	√	√	
	Consumables	√	√	√	
	Express solutions for emergency break-downs	√	√	√	,
Express service contract		✓	✓	√	✓
COM	MISIONING & STARTUP				
Pre-installation inspection		✓	√	√	√
Installation		√	√	√	√
Pre-commissioning inspection		√	√	√	√
Commissioning		✓	√	√	√
Validation of start-up and shutdown procedures		✓	✓	✓	✓
	EXPERTISE				
Customer's application troubleshooting / root cause analysis		✓	✓	✓	√
Material laboratory expertise		✓	✓	✓	
Failure mode analysis (equipment corrosion / breakage)		✓	✓	✓	✓
COMPLEMENTARY					
Technical training		✓	√	√	✓
Decontamination and Cleaning		√	√	√	√
Graphite recycling		√	√	√	
Re-impregnation of graphite parts		√	✓	✓	

MERSEN TROUBLESHOOTING SERVICES FOR GRAPHITE EQUIPMENT

UPGRADE

Upgrade include the shipment of new parts (blocs, tubes, covers) or the upgrade at Mersen







Diagnostics include technical analysis and technical / sales proposal (repairs, spareparts or upgrade)











SPARE-PARTS

Spare-parts include the shipment of graphite blocs, tubes, covers, plates, joints, piping

REPAIRS ON SITE OR AT MERSEN

technical solutions, repairs on -site or at Mersen quick centers / factories

The specification or data herein contained are only given for indication, without any undertakings whatsoever. Their publication does not suggest the matter is free of any rights whatsoever. Furthermore, due to constant evolution of techniques and norms, we reserve the right to modify, at any time, the characteristics and specifications contained in this document. MERSEN refuses all and any responsibility concerning their use whatever the purpose or application. Any copy, reproduction or information herein contained, in whole or in part, made without MERSEN written consent, is forbidden according to the laws of France and particularly the law nr. 92-597 of July 1st 1992 relating to the copyright.





GLOBAL EXPERT IN ELECTRICAL POWER AND ADVANCED MATERIALS

EUROPE

FRANCE Mersen France Py S.A.S. Tel: +33 (0)3 83 81 60 81 info.pagny@mersen.com

GERMANY Mersen Deutschland Linsengericht GmbH Tel: +49 (0) 6051 71 037 info.lsg@mersen.com

ITALIA Mersen Italia S.p.A. Tel: +39 02 82 681 31 ace.italia@mersen.com

SPAIN Mersen Iberica

Mersen Iberica fma, S.A. Tel: +34 93 685 7800 contact.iberica@mersen.com

THE NETHERLANDS Mersen Benelux B.V. Tel: +31(0)10 298 30 30 contact.schiedam@mersen.com

UNITED KINGDOM Mersen UK Teesside Ltd. Tel: +44 (0)1642 790100 ace.uk@mersen.com RUSSIA & EASTERN EUROPE Tel: +7 (964) 768 14 05 info.pagny@mersen.com

TURKEY Mersen Istanbul San. Ür. A. Ş. Tel: +90 262 751 0262 sales istanbul@mersen.com

ASIA

CHINA Mersen XIANDA Tel: +86 21 5752 7777 info.xianda@mersen.com

INDIA Mersen India Tel: +91 9845331292 /+91 9840078844 sales.ace.india@mersen.com

JAPAN MERSEN FMA JAPAN K.K. Tel: +81 (3) 5368-3250 ace.japan@mersen.com

KOREA Mersen Korea Co., Ltd. Tel: +82 (0)2 598 0071 sales.korea@mersen.com

SOUTH EAST ASIA Tel: +91 9500041487 graphite.sales@framet.com NORTH AMERICA

Mersen USA Salem Tel: +1 540 389-7535 sales.salem@mersen.com

Mersen USA Gonzales Tel: +1 225 647-6752 graphiterepairs.gonzales@mersen.com

AFRICA

USA

MOROCCO Mersen Maroc S.A.R.L. Tel: + 212 (0) 523 38 30 12 contact.maroc@mersen.com

SOUTH AFRICA Mersen South Africa, (Pty) Ltd. Tel: +27 011 474 0000 marketing.za@mersen.com

MIDDLE EAST & AFRICA

Tel: +33 (0)3 83 81 60 81 Info.pagny@mersen.com

SOUTH AMERICA

ARGENTINA Mersen Argentina, S.A. Tel: +54 11 49 18 21 21 <u>infos.l</u>atam@mersen.com

BRAZIL Mersen Do Brasil, Ltda. Tel: +55 (11) 4529 1160 vendas.ace.brasil@mersen.com

CHILE Mersen Chile Tel: +56 22 621 5680 ventas.chile@mersen.com

COLOMBIA Mersen Colombia Tel: +57 (1) 3684588 ace.latam@mersen.com

MEXICO & LATIN AMERICA Mersen Mexico Monterrey Tel: +52 (81) 8127 2812 ace.latam@mersen.com







